

(19)



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(11)

EP 1 575 042 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
21.06.2006 Bulletin 2006/25

(51) Int Cl.:
G11B 7/24 ^(2006.01) **G11B 7/0055** ^(2006.01)
G11B 7/0045 ^(2006.01)

(43) Date of publication A2:
14.09.2005 Bulletin 2005/37

(21) Application number: **05003355.4**

(22) Date of filing: **17.02.2005**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR**
Designated Extension States:
AL BA HR LV MK YU

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(30) Priority: **12.03.2004 JP 2004070413**

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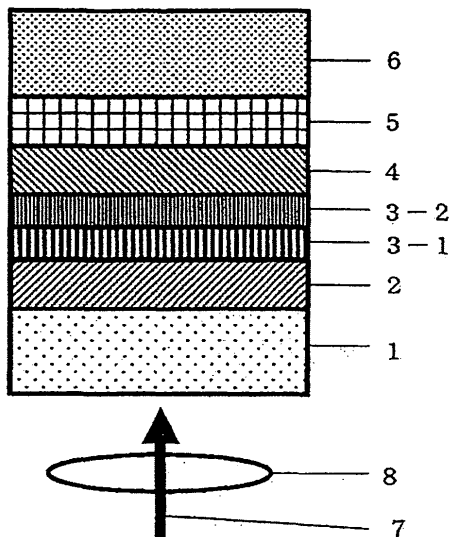
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(54) **Optical information recording medium, and manufacturing method, recording method, and recording apparatus thereof**

(57) A recording medium is provided that has at least a recording layer on a transparent substrate. The recording layer has at least a first phase-changeable film and a second phase-changeable film in that order, starting on the side closest to the transparent substrate. The first

phase-changeable film and the second phase-changeable film each contains at least 10 atom% and no more than 50 atom% germanium and at least 45 atom% and no more than 60 atom% tellurium. Also at least one of the phase-changeable films contains bismuth.

Fig. 1



EP 1 575 042 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 05 00 3355

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Place of search Munich		Date of completion of the search 16 May 2006	Examiner Moje, A
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EPO FORM 1503 03.82 (P04C01)

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